

# ARIZONA MONTHLY CROPS



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## ARIZONA COTTON

Final figures on Arizona's 1998 cotton crop have been released and are as follows: Acreage planted to upland total 250,000, with 248,000 acres harvested, yielding 1,177 pounds per acre resulting in a final production of 608,000 bales. Pima cotton planted acreage totaled 15,900 acres, with 15,500 acres harvested, yielding 830 pounds per acre, for a total production of 26,800 bales.

## UNITED STATES COTTON

The 1998 United States all cotton final production totaled 13.9 million bales, 26 percent less than 1997's production. The 1998 output was the smallest crop since 1989. Upland cotton production, at 13.5 million bales, was 26 percent less than the previous year, while American-Pima production totaled 442,300 bales, down 19 percent from 1997.

The area planted to all cotton totaled 13.4 million acres, down 4 percent from 1997. Harvested area was 10.7 million acres, down 20 percent from the previous year. This large decrease was mainly due to the large abandonment in Texas. Abandonment totaled 20 percent in 1998, compared to only 4 percent the previous year. Yields for the U.S. averaged 625 pounds per harvested acre.

## ARIZONA AND CALIFORNIA COTTON PRODUCTION HIGHLIGHTS

Arizona planted 23 percent fewer acres of all cotton than during 1997. Harvested acreage decreased by 24 percent. California producers decreased planted and harvested acreage of all cotton by 20 percent and 24 percent, respectively. Eighty-three percent of Arizona's crop was harvested in late November, 7 points behind the normal pace. California's seeding pace was well behind average most of the season as wet, cool weather prevailed which resulted in cotton development remaining behind average. Only one percent of the California crop was harvested on October 4, 8 points behind average. One month later, producers were 47 points behind the average pace, with only 15 percent harvested. Boll opening, on this same data, was three-fourths complete compared to the 5-year average of 99 percent and the crop's condition was rated as 45 percent good and 45 percent in fair condition. During December, harvest made little progress in the central valley, due to the poor drying conditions, and some unharvested cotton fields were plowed under because of deteriorating lint quality and unopened bolls. A few fields were second picked, and plowdown for pink bollworm control was ongoing on sandier soils. The plowdown deadline for the southern San Joaquin Valley was extended fifteen days, due to the extremely late harvest season. California's final boll weights were the third lowest since 1988.

## COTTON: AREA PLANTED AND HARVESTED AND YIELD BY TYPE, STATE, AND UNITED STATES, 1997-98 1/

TYPE AND STATE	Area planted		Area harvested		Yield	
	1997	1998	1997	1998	1997	1998
	1,000 acres				Pounds	
<u>UPLAND</u>						
AL	535.0	495.0	442.0	475.0	597	559
AZ	325.0	250.0	324.0	248.0	1,255	1,177
AR	980.0	920.0	965.0	900.0	837	645
CA	880.0	650.0	875.0	620.0	1,202	887
FL	100.0	89.0	99.0	80.0	577	489
GA	1,440.0	1,370.0	1,425.0	1,280.0	646	578
KS	12.0	17.0	10.0	16.5	418	404
LA	655.0	535.0	650.0	525.0	728	586
MS	985.0	950.0	970.0	940.0	901	737
MO	395.0	370.0	390.0	357.0	695	471
NM	70.0	66.3	66.0	60.3	676	640
NC	690.0	710.0	685.0	705.0	652	699
OK	200.0	160.0	190.0	120.0	462	560
SC	290.0	290.0	286.0	286.0	688	587
TN	490.0	450.0	480.0	445.0	662	589
TX	5,500.0	5,650.0	5,200.0	3,300.0	474	524
VA	101.0	92.0	100.0	91.0	659	765
U.S.	13,648.0	13,064.3	13,157.0	10,448.8	666	619
<u>AMERICAN-PIMA</u>						
AZ	22.0	15.9	22.0	15.5	912	830
CA	185.0	200.0	184.0	180.0	1,141	941
NM	11.0	7.3	11.0	7.3	641	658
TX	32.0	105.0	32.0	32.0	815	791
US	250.0	328.2	249.0	234.8	1,056	904

1/ 1998 revised.

**COTTONSEED: PRODUCTION AND FARM DISPOSITION, BY STATE AND UNITED STATES, 1997-98 1/**

COTTONSEED: PRODUCTION AND FARM DISPOSITION, BY STATE AND UNITED STATES, 1997-98 / 1								
STATE	Production		Farm Disposition				Used for Planting 3/	
			Sales to Oil Mills		Other 2/			
	1997	1998	1997	1998	1997	1998	1998	1999
1,000 tons								
AL	196.0	192.0	87.0	67.0	109.0	125.0	5.7	6.4
<b>AZ</b>	<b>312.0</b>	<b>288.0</b>	<b>73.0</b>	<b>52.0</b>	<b>239.0</b>	<b>236.0</b>	<b>2.4</b>	<b>2.4</b>
AR	632.0	478.0	528.0	422.0	104.0	56.0	8.7	9.1
CA	942.0	544.0	153.0	84.0	789.0	460.0	7.2	7.1
FL	45.0	26.0	31.0	14.0	14.0	12.0	1.0	1.1
GA	660.0	658.0	332.0	286.0	328.0	372.0	16.4	18.0
KS	3.1	5.8	3.1	5.6	0.0	0.2	0.2	0.3
LA	359.0	236.0	206.0	134.0	153.0	102.0	4.8	5.1
MS	704.0	561.0	660.0	543.0	44.0	18.0	9.5	11.0
MO	223.0	135.0	148.0	121.0	75.0	14.0	3.9	3.9
NM	40.5	32.6	2.3	4.5	38.2	28.1	0.8	0.7
NC	321.0	351.0	63.0	88.0	258.0	263.0	6.4	6.9
OK	72.0	54.0	56.0	47.0	16.0	7.0	1.8	2.5
SC	142.0	122.0	89.0	69.0	53.0	53.0	2.0	2.0
TN	260.0	205.0	208.0	154.0	52.0	51.0	4.7	5.3
TX	1,983.0	1,558.0	1,543.0	1,227.0	440.0	331.0	57.6	57.4
VA	40.0	51.0	0.0	0.0	40.0	51.0	0.8	0.9
U.S.	6,934.6	5,497.4	4,182.4	3,318.1	2,752.2	2,179.3	133.9	140.1

1/ 1997 crop revised, 1998 crop preliminary.

2/ Includes planting seed, feed, exports, inter-farm sales, shrinkage, loss and other uses.

3/ Included in "other" farm disposition. Planting seed from previous years' crops.

**WINTER WHEAT**

Winter Wheat: Area for 1999 grain harvest is forecast at 36.3 million acres, down 9 percent from 1998. If realized, this will be the smallest winter wheat area since 1971. Soft Red Winter (SRW) and White wheat took the biggest percentage hit. Both classes are down 12 percent from last year. Hard Red Winter (HRW) area is down 8 percent from a year ago with Kansas, Oklahoma, and Texas accounting for about 1.8 million acres of the HRW drop. Good or better condition ratings of winter wheat tracked below 1998 through April then moved just above last year the first weekend of May. For the most part, the Nation's winter wheat crop seems to have wintered well. Last December's freeze hit the Oregon counties of Umatilla and Morrow hard which led to re-seeding with barley and/or other spring wheat. Several states indicate moisture is needed.

**DURUM WHEAT**

Production of Durum wheat in Arizona and California is forecast at a collective 17.1 million bushels. This is down 45 percent from their 1998 total of 30.9 million bushels primarily due to large drops in acreage levels. Frost damage to the Arizona crop has caused concern over prospective yields this year; thus, the 10 bushel reduction. California's crop is rated in good to excellent condition; cool March and April temperatures slowed development. The Imperial Valley harvest began in late April with average yields reported; the San Joaquin Valley crop is heading and won't be ready for cutting until mid-June.

**WHEAT: AREA HARVESTED, YIELD, & PRODUCTION, SELECTED STATES & UNITED STATES, 1998 & FORECASTED MAY 1, 1999**

WHEAT: AREA HARVESTED, YIELD, & PRODUCTION, SELECTED STATES & UNITED STATES, 1998 & FORECASTED MAY 1, 1999						
STATE	Area Harvested		Yield		Production	
	1998	1999	1998	1999	1998	1999
	1,000 acres		Bushels			
WINTER WHEAT						
AZ	8	10	90.0	85.0	720	850
CA	380	390	60.0	70.0	22,800	27,300
CO	2,550	2,400	39.0	38.0	99,450	91,200
ID	770	710	82.0	77.0	63,140	54,670
KS	10,100	9,500	49.0	43.0	494,900	408,500
MT	1,250	1,000	39.0	40.0	48,750	40,000
NE	1,800	1,900	46.0	40.0	82,800	76,000
NV	6	10	100.0	90.0	600	900
NM	265	265	30.0	30.0	7,950	7,950
ND	60	48	35.0	32.0	2,100	1,536
OK	5,100	4,500	39.0	34.0	198,900	153,000
OR	790	640	67.0	59.0	52,930	37,760
SD	1,420	1,260	43.0	42.0	61,060	52,920
TX	3,900	3,400	35.0	31.0	136,500	105,400
UT	150	145	50.0	50.0	7,500	7,250
WA	2,100	1,800	65.0	64.0	136,500	115,200
WY	200	170	32.0	33.0	6,400	5,610
OTHER STATES	9,277	8,195	49.3	52.3	457,605	428,753
U.S.	40,126	36,343	46.9	44.4	1,880,605	1,614,799
DURUM WHEAT 1/						
AZ	144	75	105.0	95.0	15,120	7,125
CA	175	105	90.0	95.0	15,750	9,975
MN	5		37.0		185	
MT	430		28.0		12,040	
ND	2,950		33.0		97,350	
SD	24		26.0		624	
U.S.	3,728		37.8		141,069	

1/ Area harvested for U.S. and northern states will be published in "Acreage" released June 30, 1999. Yield and production will be published in "Crop Production" released July 12, 1999.

# HAY STOCKS ON FARMS, SELECTED STATES AND UNITED STATES, DECEMBER 1 AND MAY 1, 1996-99

STATE	December 1			May 1		
	1996	1997	1998	1997	1998	1999
1,000 tons						
<b>AZ</b>	<b>82</b>	<b>171</b>	<b>177</b>	<b>28</b>	<b>34</b>	<b>28</b>
CA	2,594	1,598	3,246	160	420	406
CO	2,006	2,133	2,807	209	616	966
ID	2,285	2,743	3,329	286	520	777
MT	4,674	5,042	4,568	492	1,151	1,104
NV	758	708	857	61	151	233
NM	546	479	450	74	165	170
OR	2,108	1,600	2,159	97	621	135
UT	1,327	1,658	1,695	302	435	485
WA	1,162	1,295	1,663	283	308	410
WY	1,965	2,129	2,372	287	363	611
OTHER	85,672	83,488	88,516	15,145	17,043	19,470
U.S.	105,179	103,044	111,839	17,424	21,827	24,795

## SPRING POTATOES: AREA HARVESTED, YIELD AND PRODUCTION BY STATE AND UNITED STATES, 1997-98 AND FORECASTED MAY 1, 1999

STATE	Area Harvested		Yield		Production	
	1998	1999	1998	1999	1998	1999
1,000 acres			Cwt		1,000 cwt	
AL	1.7	1.6	130	175	221	280
<b>AZ</b>	<b>8.1</b>	<b>9.4</b>	<b>282</b>	<b>290</b>	<b>2,284</b>	<b>2,726</b>
CA	18.5	19.5	335	365	6,198	7,118
FL	34.5	29.0	213	261	7,358	7,560
Hastings	24.5	22.0	235	280	5,758	6,160
Other FL	10.0	7.0	160	200	1,600	1,400
NC	17.5	16.5	190	195	3,325	3,218
TX	10.3	9.8	170	235	1,751	2,303
U.S.	90.6	85.8	233	270	21,137	23,205

## CITRUS FRUIT PRODUCTION BY CROP, STATE AND UNITED STATES, 1996/97 AND 1997/98 AND FORECASTED MAY 1, 1999 1/

CROP AND STATE	Utilized Production			CROP AND STATE	Utilized Production		
	1996/97	1997/98	1998/99		1996/97	1997/98	1998/99
1,000 boxes 2/				1,000 boxes 2/			
<u>ORANGES, EARLY</u>				<u>TANGERINES</u>			
<u>MID AND NAVAL 3/</u>				<b>AZ 4/ 7/</b>	<b>550</b>	<b>600</b>	<b>900</b>
<b>AZ 4/</b>	<b>400</b>	<b>350</b>	<b>550</b>	CA 4/ 7/	2,600	2,400	1,700
CA 4/	40,000	44,000	17,000	FL	6,300	5,200	4,950
FL	134,200	140,000	112,000	U.S.	9,450	8,200	7,550
TX	1,300	1,350	1,300	<u>LEMONS 4/</u>			
U.S.	175,900	185,700	130,850	<b>AZ</b>	<b>2,600</b>	<b>2,600</b>	<b>3,500</b>
<u>ORANGES,</u>				CA	22,600	22,000	18,000
<b>AZ 4/</b>	<b>600</b>	<b>650</b>	<b>650</b>	U.S.	25,200	24,600	21,500
CA 4/	24,000	25,000	17,000	<u>TANGELOS</u>			
FL	92,000	104,000	76,000	FL	3,950	2,850	2,550
TX	120	175	170	<u>K-EARLY CITRUS</u>			
U.S.	116,720	129,825	93,820	FL	150	40	80
<u>ALL ORANGES</u>				1/ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year.			
<b>AZ 4/</b>	<b>1,000</b>	<b>1,000</b>	<b>1,200</b>	2/ Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ tangelos, K-Early Citrus & Temples-90; tangerines-AZ & CA-75, FL-95.			
CA 4/	64,000	69,000	34,000	3/ Navel and miscellaneous varieties in AZ and CA. Early (including Navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX.			
FL	226,200	244,000	188,000	4/ Estimates for current year carried forward from earlier forecast.			
TX	1,420	1,525	1,470	5/ Excludes White Seedless economic abandonment of 3,000,000 boxes in 1996-97 and 5,000,000 boxes in 1997-98.			
U.S.	292,620	315,525	224,670	6/ Excludes Colored Seedless economic abandonment of 3,000,000 boxes in 1996-97 and 1,000,000 boxes in 1997-98.			
<u>TEMPLES</u>				7/ Includes tangelos and tangors.			
FL	2,400	2,250	1,800				
<u>ALL GRAPEFRUIT</u>							
<b>AZ 4/</b>	<b>900</b>	<b>800</b>	<b>700</b>				
CA 4/	8,200	9,000	8,500				
FL 5/	55,800	49,550	48,100				
TX	5,300	4,800	5,600				
U.S.	70,200	64,150	62,900				

## RELEASE DATES FOR UPCOMING NATIONAL REPORTS

May 19 ..... Agricultural Chemical Usage-Field Crops  
May 28 ..... Agricultural Prices  
June 11 ..... Crop Production

### PRICES RECEIVED INDEX INCREASES 1 POINT

The All Farm Products Index of Prices Received in April was 98 based on 1990-92=100, up 1 point (1.0 percent) from March. The increase is due to the seasonal change in the mix of commodities farmers sell. The normal increase in marketings of strawberries, cattle, oranges, and milk more than offset the relatively lower marketings of soybeans, corn, wheat, and hogs. The change in marketings also more than offset a decline in overall prices. Price decreases from March for milk, eggs, broilers, and corn more than offset price increases for lettuce, hogs, onions, and carrots.

Compared with April 1998, the All Farm Products Index was 6 points

(5.8 percent) lower. Price decreases from April 1998 for corn, soybeans, milk, and hogs more than offset price increases for strawberries, carrots, lettuce, and grapefruit.

### PRICES PAID INDEX UNCHANGED

The April Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 116 percent of the 1990-92 average. The index was unchanged from March but 2 points (1.7 percent) below April 1998. Since March, lower prices for feed grains, and seeds were offset by higher prices for feed supplements, complete feeds, hays and forages, and diesel fuel.

### PRICES RECEIVED BY FARMERS: ARIZONA AND U.S., APRIL 1998 AND 1999 AND MARCH 1999

COMMODITY	UNIT	ARIZONA			UNITED STATES		
		Apr. 1998 Entire Mo.	Mar. 1999 Entire Mo.	Apr. 1999 Mid-Mo.	Apr. 1998 Entire Mo.	Mar. 1999 Entire Mo.	Apr. 1999 Mid-Mo.
Upland Cotton 1/	¢ Lb	.560	.524	.552	.636	.553	.557
All Wheat 2/	\$ Cwt	---	---	---	3.18	2.65	2.71
Durum Wheat 2/	\$ Cwt	---	---	---	4.60	2.81	2.78
Winter Wheat 2/	\$ Cwt	---	---	---	2.94	2.53	2.51
All Hay Baled 3/	\$ Ton	115.00	105.00	94.00	98.00	78.50	81.90
Alfalfa Hay Baled 3/	\$ Ton	115.00	105.00	95.00	105.00	82.40	85.60
Other Hay Baled 3/	\$ Ton	4/	95.00	70.00	72.20	67.40	65.80
Grapefruit 5/	\$ Box	11.70	13.10	12.90	12.90	13.80	14.50
Oranges 5/	\$ Box	11.60	29.30	23.00	18.10	21.50	19.80
Lemons 5/	\$ Box	19.00	18.90	22.50	22.50	20.50	23.20
Tangerines 5/	\$ Box	15.50	34.30	23.20	30.30	28.60	32.30
Cows 6/	\$ Cwt	39.40	34.10	35.50	36.20	35.20	35.10
Steers and Heifers	\$ Cwt	64.30	64.10	64.40	66.30	65.50	65.30
Beef Cattle 7/	\$ Cwt	62.60	63.80	64.10	63.00	62.40	62.10
Calves	\$ Cwt	92.50	82.20	87.50	90.80	87.30	88.40
All Milk 8/	\$ Cwt	13.60	13.90	11.80	14.00	15.00	13.00

1/ Includes both spot and contract sales.

2/ Not available for Arizona.

3/ Mid-month.

4/ Insufficient sales to establish a price.

5/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Lemons 76 lbs., Oranges 75 lbs., Tangerines 75 lbs.

6/ Beef cows and cull dairy cows sold for slaughter.

7/ "Cows" and "steers and heifers" combined.

8/ Preliminary; Before deductions for hauling. Includes quality, quantity and other premiums. Excludes hauling subsidies.

### U.S. PRICE INDEX SUMMARY TABLE

INDEX 1990-92 = 100	1998		1999	
	March	April	March	April
Prices Received	102	104	97	98
Prices Paid	118	118	116	116
Ratio 1/	86	88	84	84

1/ Ratio of index of prices received by farmers to index of prices paid.